

WADIA INSTITUTE OF HIMALAYAN GEOLOGY

(An Autonomous Institution of
Department of Science & Technology, Govt. of India)
33, General Mahadeo Singh Road
Dehra Dun 248 001 (India)

NOTICE

Short-term training course on “GPS for Crustal Deformation Studies”

No. 18/282/2001-Estt

6 August 2001

A short term-training course, sponsored by the Department of Science & Technology (DST), New Delhi, on the above topic will be conducted at WIHG, Arunachal Unit, Itanagar, Arunachal Pradesh, during 11–20 October 2001. The training course will be co-ordinated by Dr Paramesh Banerjee, Scientist, WIHG, Dehra Dun. The major focus of the course is to provide hands-on training to few prospective candidates on the application of Global Positioning System (GPS) in earth science related geodetic applications for crustal deformation studies, with special emphasis on mathematical formulation for the GPS data post-processing algorithm. The course will contain real field data acquisition in Itanagar and surrounding regions, lectures on the basics of GPS, introductions to UNIX operating system, GMT software, theory of post-processing techniques, network-adjustment techniques, introduction to deformation modelling, and hands-on data processing using GAMIT/GLOBE 2.95 software, in Unix environment. Leading GPS experts of national level will constitute the faculty.

Applications on plain paper are invited from Pre/Post-doctoral researchers/academicians working in Educational/Research Institutions and other R&D units. Applications from individuals will be considered on case-to-case basis, and if vacant seats are available. Total number of trainees will be restricted to 15. Candidates from northeastern region will be given higher priority in selection procedure. Selected candidates will be given return fares by shortest route on producing the proof of journey, and boarding/lodging at Itanagar. Air-fare will be provided for the Calcutta–Itanagar sector.

Application on plain paper with academic background, computer knowledge, current job and research status, future research planning and a brief account of why you wish to do this training course, may please be sent by e-mail/fax to Dr Paramesh Banerjee, WIHG, Dehra Dun 248 001, Fax: 0135-625212, e-mail: parameshb@hotmail.com, mentioning ‘GPS Training’ in the subject, within three weeks after publication of this advertisement.

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